

FIG. 1

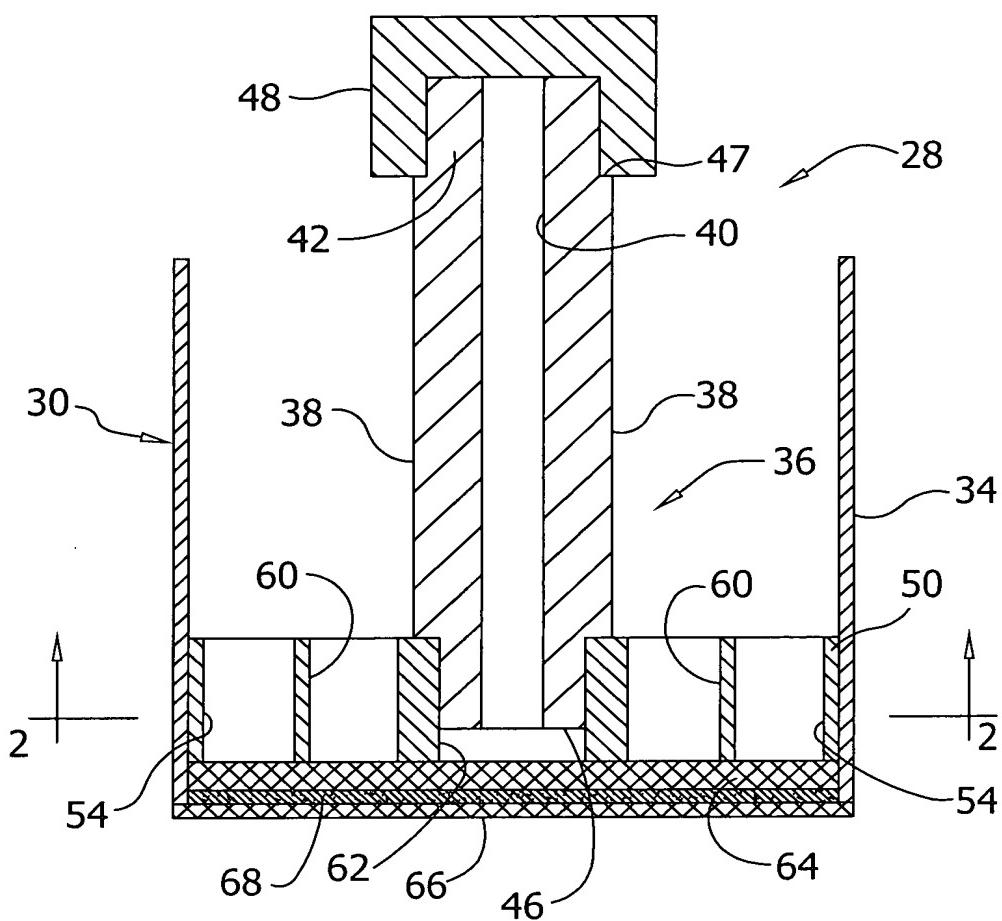
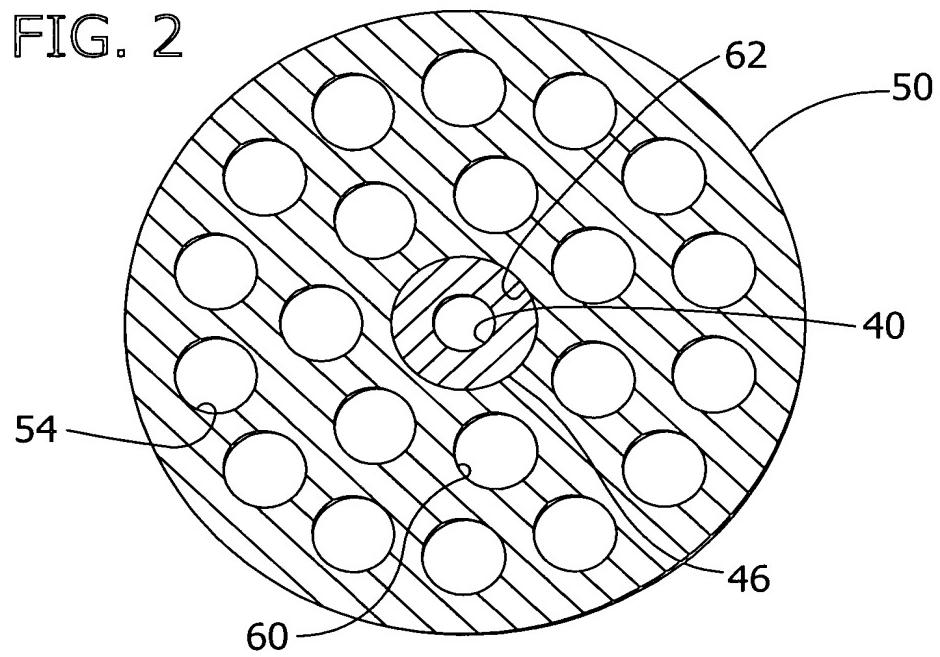


FIG. 2



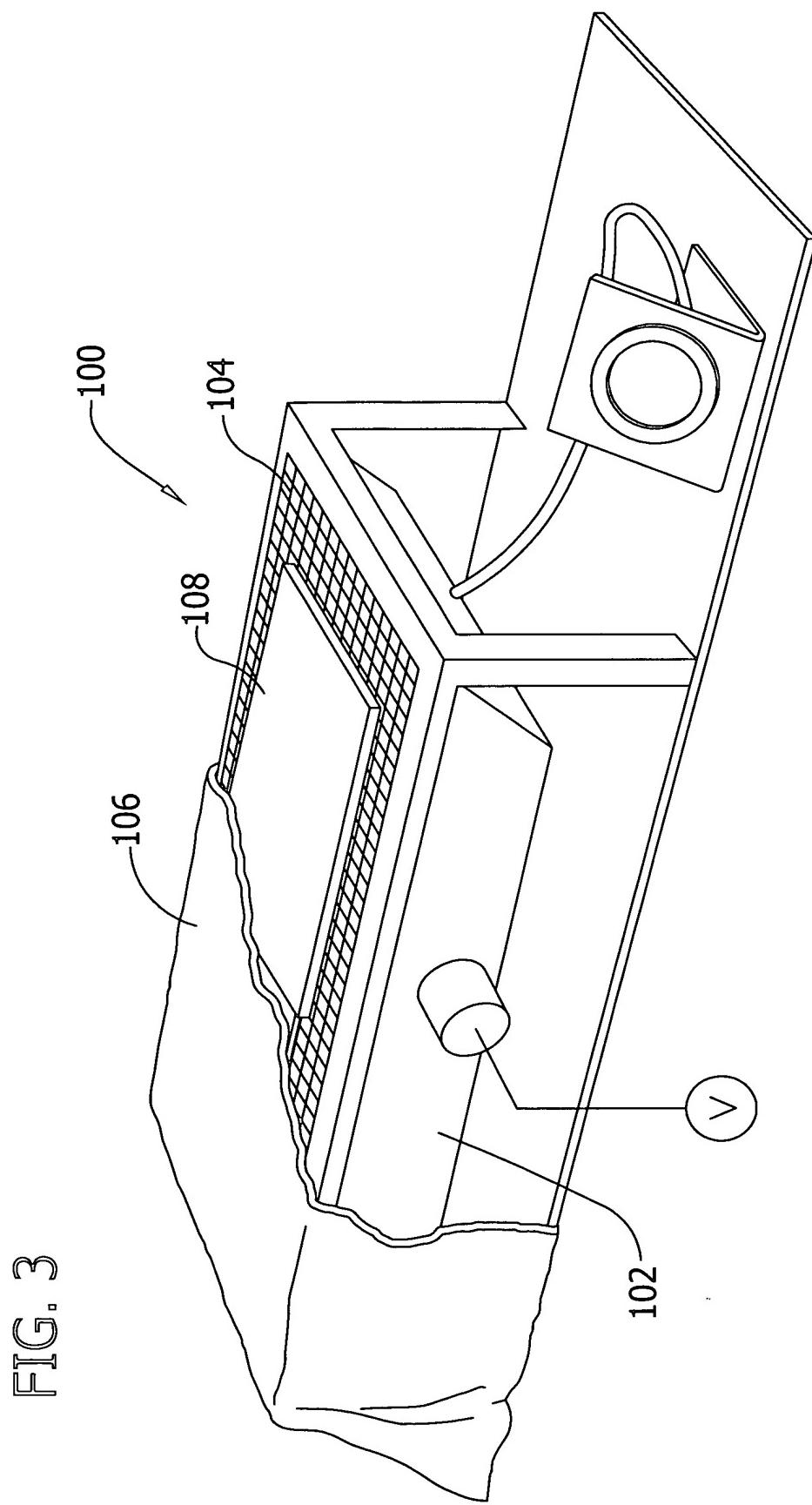


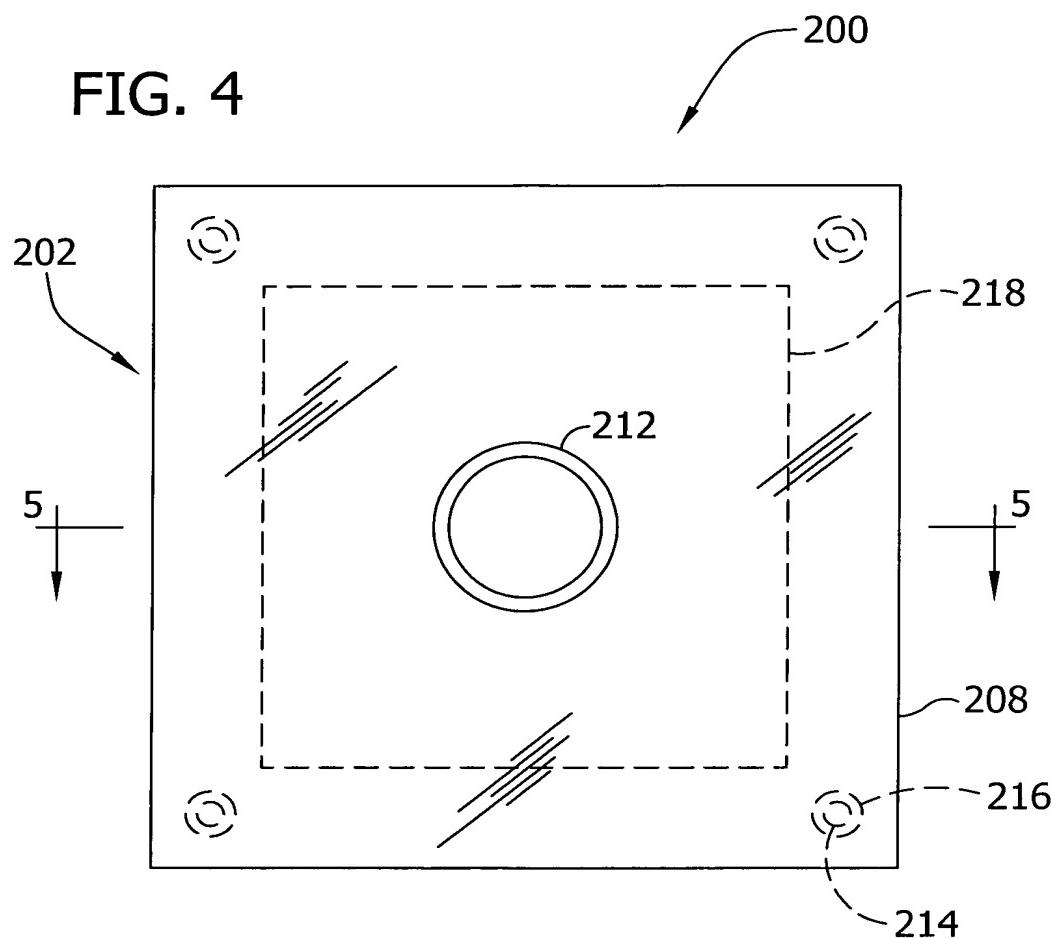
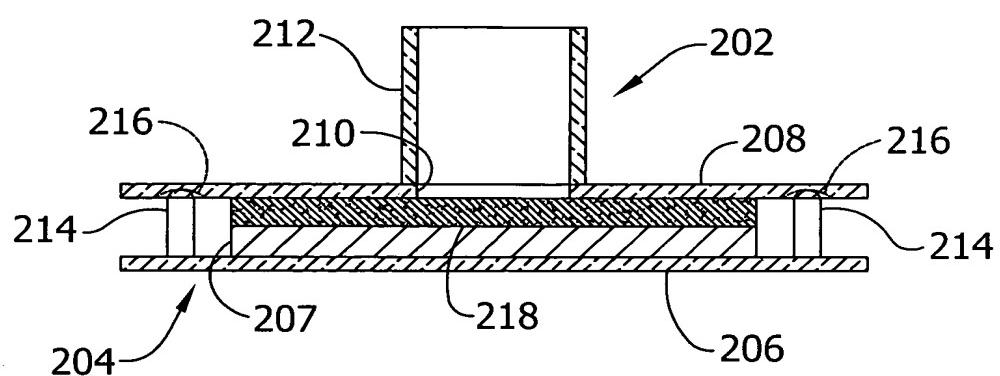
FIG. 4**FIG. 5**

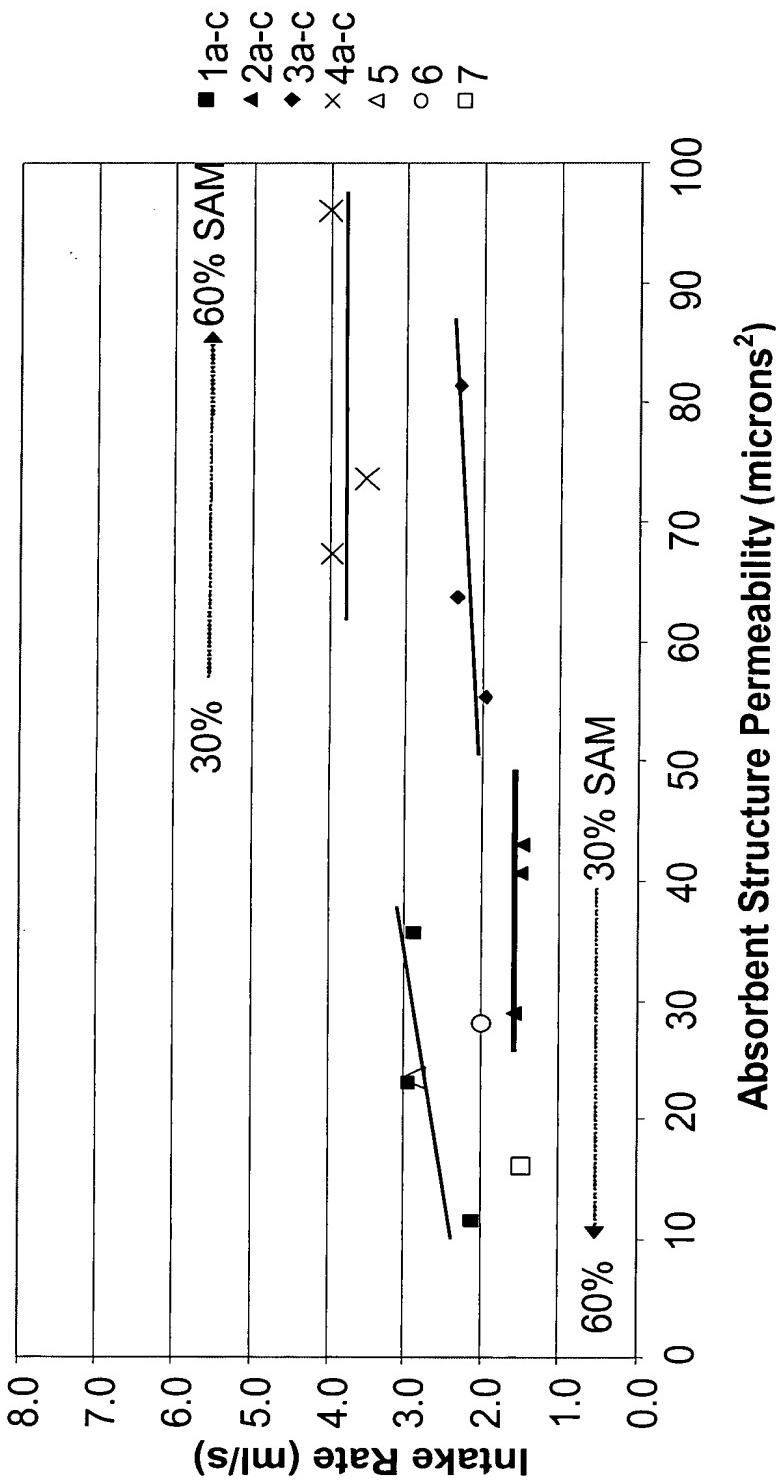
FIG. 6A**Intake Rate v. Permeability****First Insult = 0 – 30% Total Retention Capacity**

FIG. 6B
Intake Rate v. Permeability
Second Insult = 30% - 60% Total Retention Capacity

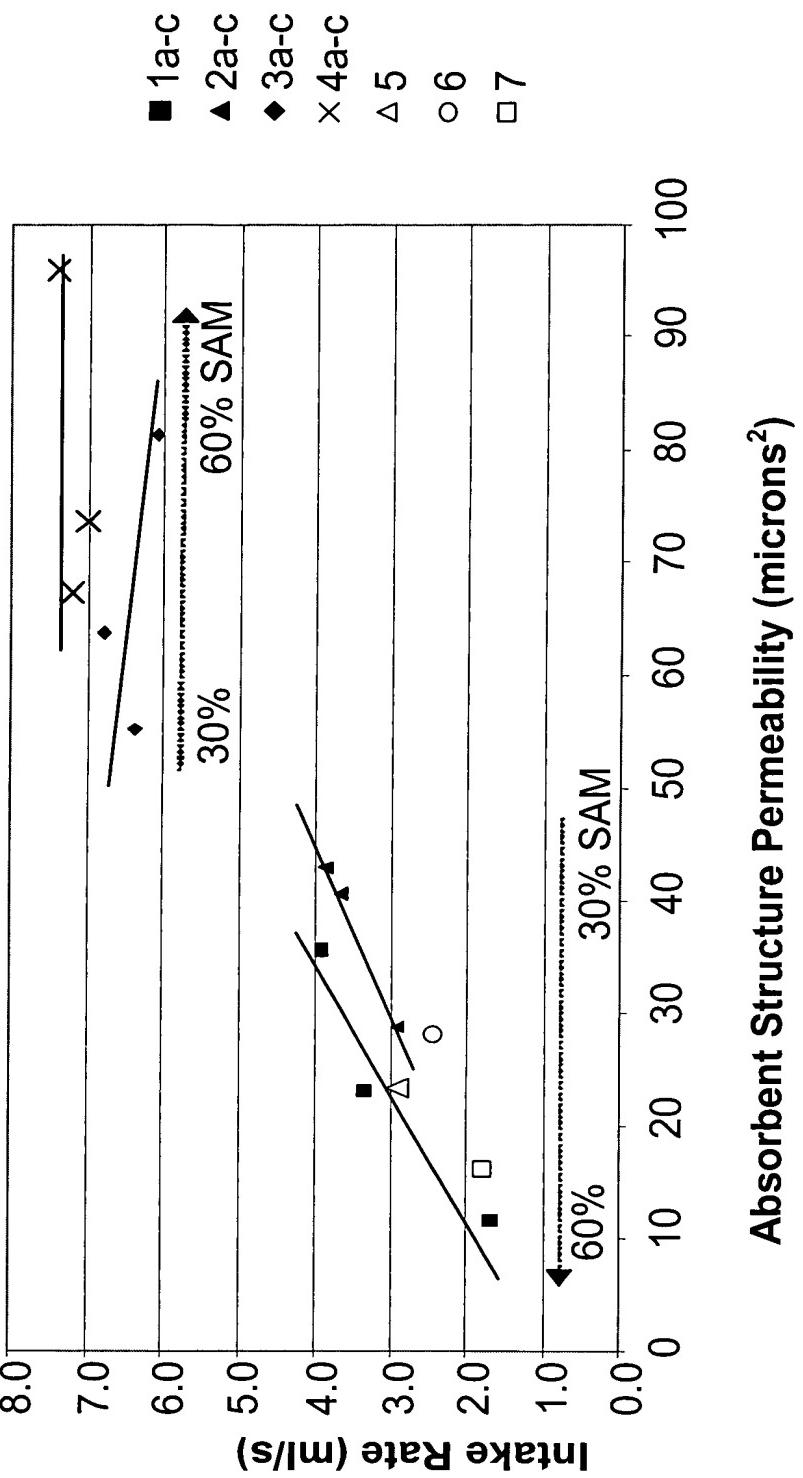


FIG. 6C

Intake Rate v. Permeability
Third Insult = 60% - 90% Total Retention Capacity

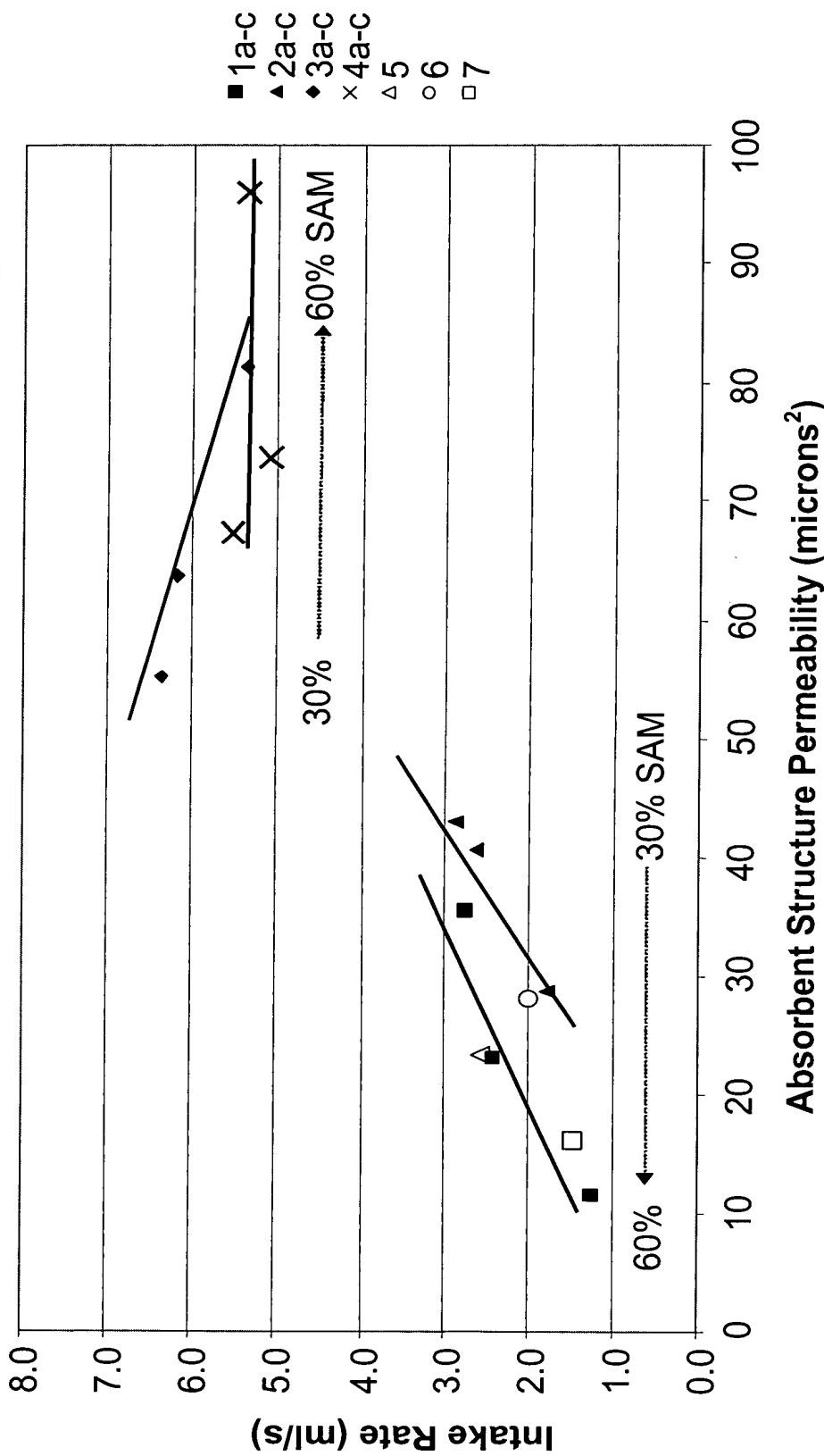


FIG. 7

